

ABSTRACT

The present invention is a real-time three-dimensional image processing system and a method with non-parallel optical axis cameras thereof which is a
5 system for calculating a position and a form in a three-dimensional space, wherein an angle between a pair of non-parallel optical axis, that is, an angle between a pair of cameras, is controlled by far and near distances so as to measure a subject in an optimum state, thereby expanding an observable field of view, and a system parameter is differently set according to an angle between the optical
10 axis, thereby maximizing an image matching.

S:\DOCS\MCK\MCK-8814.DOC
030804